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TRANSMITTA FORM  (to be used for all correspondence a	<b>L</b>	U.S. Pater s are required to respond to a collection of the collec	Approved for use through 07/31/2006. OMB 0651-0031 t and Trademark Office; U.S. DEPARTMENT OF COMMERCE on of information unless it displays a valid OMB control number.  10/670,062  September 24, 2003  Buchert et al.
Total Number of Pages in This Submission		Examiner Name Attorney Docket Number	Kakali Chaki I-2-0344.1US
Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration  Extension of Time Request  Express Abandonment Request  Supplemental Information Disclosure State  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing under 37 CFR 1.52 of	n(s)  uest Rema		After Allowance communication to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Other Enclosure(s) (please Identify below):  Form PTO-1449 w/ a copy of the European Search Report and one (1) reference
Firm Michael L. Ber	rman	PE APPLICANT, ATTORN Re	g. No. 51,464
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	CERTIFIC	CATE OF TRANSMISSION	I/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Michael L. Berman		
Signature	Muman	Date	March 17, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Our File: I-2-0344.1US

March 17, 2006

Date:



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In the **PATENT APPLICATION** of:

Buchert et al.

**Application No.:** 10/670,062

**Confirmation No.:** 

5120

Filed:

September 24, 2003

For: COMPUTATIONALLY EFFICIENT

MATHEMATICAL ENGINE

Group:

2193

Examiner:

Kakali Chaki

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT INCLUDING RULE 1.704(d) STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (\*). Copies of the cited documents are enclosed.

Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

Per Rule 1.704(d), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, copy enclosed, and that this

Applicant: Buchert et al. Application No.: 10/670,062

communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his/her consideration of the cited materials.

Respectfully submitted,

Buchert et al.

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Michael L. Berman

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MLB/ks Enclosures (2)

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTY. DOCKET NO.
I-2-0344.1US

SERIAL NO. 10/670,062

**APPLICANT** Buchert et al.

**FILING DATE** September 24, 2003 **GROUP** 2193

(Use several sheets if necessary)

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE IF
		3,535,694	10/1970	Anacker et al.				
		4,811,210	03/1989	Maculay et al.				
		5,974,435	10/1999	Abbott et al.				
		6,141,673	10/2000	Thayer et al.				
	*	6,298,366	10/2001	Gatherer et al.				
		6,317,770	11/2001	Lim et al.				
		6,334,176	12/2001	Scales III et al.				
	*	6,366,937	04/2002	Shridhar et al.				
		FC	REIGN PATE	ENT DOCUMENTS		•		
							TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	· · · · · · · · · · · · · · · · · · ·							
		OTHER DOCUMENTS	(Including Au	uthor, Title, Date, Pertinent Page	es, Etc.)			
	*	Catthoor et al., "Efficient Microcoded Processor Design for Fixed Rate DFT and FFT1", Journal of VLSI Signal Processing Systems For Signal, Image, and Video Technology, Vol. 1, No. 4, April 1, 1990, pp. 287-306.						

EXAMINER	DATE CONSIDERED		